PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference B0801.70327	FOR FURTHER ACTION as w	see Form PCT/ISA/220 vell as, where applicable, item 5 below.			
International application No. PCT/US07/03160	International filing date (day/month 05 February 2007 (05.02.2007)	(Earliest) Priority Date (day/month/year) 06 February 2006 (06.02.2006)			
Applicant THE BRIGHAM AND WOMEN'S HOSPITAL, INC.					
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of 4 sheets. It is also accompanied by a copy of each prior art document cited in this report. I. Basis of the Report a. With regard to the language, the international search was carried out on the basis of: the international application in the language in which it was filed. a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)) With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I. Certain claims were found unsearchable (See Box No. II) 1. With regard to the title, With regard to the title, the text is approved as submitted by the applicant. the text has been established by this Authority to read as follows:					
5. With regard to the abstract, the text is approved as submi	tted by the applicant.				
the text has been established, may, within one month from	according to Rule 38.2(b), by this A the date of mailing of this internation	authority as it appears in Box No. IV. The applicant nal search report, submit comments to this Authority.			
as suggested by the as selected by this A	uthority, because the applicant failed uthority, because this figure better cl	i to suggest a figure.			

Form PCT/ISA/210 (first sheet) (April 2005)

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. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)		
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:			
	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:		
1	Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:		
]	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).		
. III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)		
ernation de Co	As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of any additional fees. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:		
⊠ k on I	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-9 Protest The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee. The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation. No protest accompanied the payment of additional search fees.		
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Facsimile No. (571) 273-3201
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BOX III. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING This application contains the following inventions or groups of inventions, which are not so linked as to form a single general inventive concept under the PCT Rule 13.1. In order for all inventions to be examined, the appropriate additional fees must be paid.			
Group I, claims 1-9 are drawn to a composition comprising a zwitterionic polysacc moiety selected from the group of carboxylate, phosphate, phosphonate, sulfate and	haride, a free amino moiety and a negatively charged sulfonate.		
Group II, claim 10-18 are drawn to a method of preparing composition comprising a negatively charged moiety selected from the group of carboxylate, phosphate, phosphated zwitterionic polysaccharide.	a zwitterionic polysaccharide, a free amino moiety and sphonate, sulfate and sulfonate otherwise free of the		
Group III, claims 19-32 are drawn to a method of promoting immune system mature the infant an effective amount of composition comprising a zwitterionic polysacchard moiety selected from the group of carboxylate, phosphate, phosphonate, sulfate and	ride, a free amino moiety and a negatively charged		
The International Searching Authority considers that the international application do invention (PCT Rule 13.1, 13.2 and 13.3) for the reason indicated below:	nes not comply with the requirement of unity of		
The inventions between groups I-III are linked by the technical feature of a zwitterionic polysaccharide. However, this feature is not special because it does not constitute an advance over the prior art. Tzianabos et al (US 2004/0219160 A1) teach a pharmaceutical composition comprising zwitterionic polysaccharide to induce immune response (see abstract). Furthermore, each of these groups involves method steps or staring materials not required by the other groups.			

International application No.